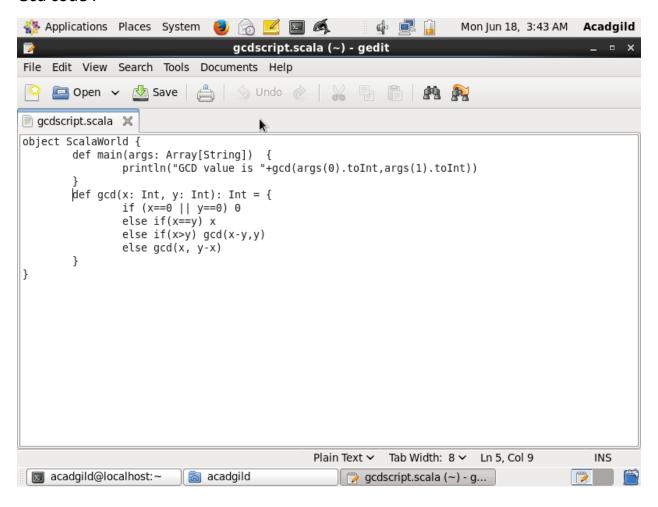
Output of gcd:

Passing parameterized values in main function for gcd

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         [acadgild@localhost ~]$ scala gcdscript.scala 10 5
         GCD value is 5
[acadgild@localhost ~]$ scala gcdscript.scala 200 3
        GCD value is 1
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  employ [acadgild@localhost ~]$ scala gcdscript.scala 256 32
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         GCD value is 32
         [acadgild@localhost ~]$
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Gcd code:



Code for fibonacci using recursion:

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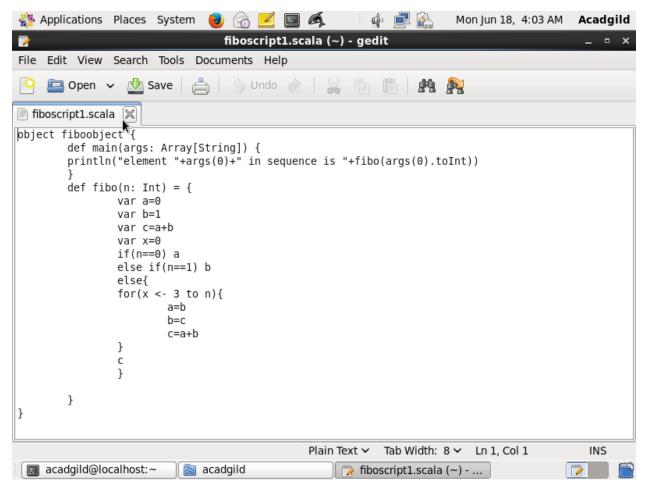
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 fiboscript.scala 💥
                                                                                                       ighthalpha fiboscript2.scala
 object fiboobject {
                                            def main(args: Array[String]) {
                                            println(args(0))
                                           println(fibo(args(0).toInt))
                                           def fibo(n: Int): Int = {
                                                                                     if(n==1 || n==0) n
                                                                                     else (fibo(n-1) + fibo(n-2))
                                            }
                                                                                                                                                    I
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Output:

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Code for Fibonacci using for loop:



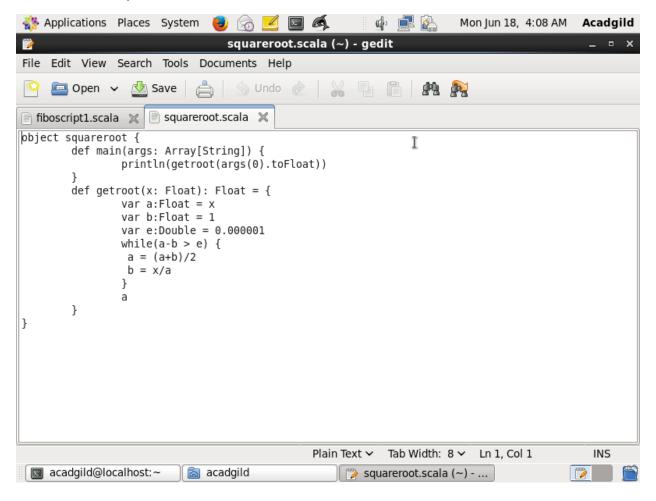
Output of Fibonacci using for loop:

```
[acadgild@localhost ~]$ scala fiboscript1.scala 5
element 5 in sequence is 5
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost ~]$ scala fiboscript1.scala 9
element 9 in sequence is 34
[acadgild@localhost ~]$ scala fiboscript1.scala 8
element 8 in sequence is 21
[acadgild@localhost ~]$

[acadgild@localhost ~]$

[acadgild@localhost:~ [
```

Code to find square root:



Output:

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[acadgild@localhost ~]$ scala squareroot.scala 64
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost ~]$ scala squareroot.scala 225
[acadgild@localhost ~]$ scala squareroot.scala 3
[acadgild@localhost ~]$ scala squareroot.scala 1024
32.0
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost ~]$ scala squareroot.scala 73
[acadgild@localhost ~]$
```